University of Gdańsk

Subject card

Subject name and code	Master's Workshop, PG_00205750		
Field of study	Quantum Information Technology		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	English
Semester of study	4	ECTS credits	16.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Paweł Mazurek	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	230.0	0.0	230

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	230	0.0	170.0	400

Subject objectives

The aim of the subject is to prepare a student to complete an independent master's thesis project. The student is introduced to the use of methods, research tools and procedures used in the creation and presentation of scientific results.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[QITL3_U06] is able to learn independently and update knowledge throughout his/her professional life, and to guide others in this area		
[QITL3_U05] is able to manage the work of a team, cooperate with others in teamwork, and take a leading role in teams	Can participate and take leading role in scientific projects in the area of quantum technologies, including collaboration with other scientists during Master Project.	[SU8] observation of student's independent or team work
[QITL3_U01] is able to formulate and test hypotheses related to research problems in quantum information technologies	Can come up with suggestions of lines of research in the area of quantum technologies within the selected field of Master Project.	[SU1] oral statement/conversation/ discussion [SU8] observation of student's independent or team work
[QITL3_K01] is ready to critically evaluate the knowledge they possess and the content they receive, including in the field of quantum physics and technologies, is ready to recognize the importance of knowledge in solving cognitive and practical problems, and is ready to seek expert advice in the event of difficulties in solving a problem independently	Is ready for critical analysis of scientific papers in the area of physics and quantum technologies, can identify and assess rigority of scientific method application in research papers.	[SK1] oral statement/conversation/ discussion [SK3] text preparation/written work

<table>
<tr><td>Subject contents</td><td colspan="3">Conducting the master project: literature search, planning research, discussions with supervisor, peers and specialists in the field, writing the master thesis.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>assesment of the student performance in conducting the research and writting tasks</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Appropriate for the topic of the master's thesis</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">None.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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